

Special Issue

Endometriosis: Current Trends and Research Developments

Message from the Guest Editors

Endometriosis is a chronic, often debilitating, condition with a complex and multifactorial pathophysiology. Despite its high prevalence, the underlying molecular mechanisms remain insufficiently understood, limiting effective diagnostics and treatment. This Special Issue will bring together cutting-edge research elucidating the pathomechanisms of endometriosis through integrative, interdisciplinary approaches to molecular science. We welcome studies exploring hormonal regulation, immune modulation, genetic and epigenetic alterations, environmental factors, cell signaling, and tissue remodeling relevant to endometriosis. Given the scope of *IJMS*, purely clinical studies are not suitable for this Special Issue. However, submissions based on patient cohorts, clinical samples, or in vitro/in vivo models are encouraged, provided that they include robust biomolecular experimentation, such as transcriptomic, proteomic, or metabolomic analyses; molecular pathway interrogation; or functional genomics. This Special Issue will promote innovative biomolecular insights to inform future diagnostics, therapeutic strategies, and personalized medicine approaches in endometriosis research.

Guest Editors

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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